

**MAGEA5, 1-124aa, Human, His tag, E.coli**

**Cat.NO.: TP02882**

3th Edition

**Synonyms:**Melanoma-associated antigen 5, CT1.5, MAGE5, MAGEA4.

**Description:**MAGEA5, also known as melanoma-associated antigen 5, is a member of the MAGEA gene family. The members of this family encode proteins with 50 to 80% sequence identity to each other. The promoters and first exons of the MAGEA genes show considerable variability, suggesting that the existence of this gene family enables the same function to be expressed under different transcriptional controls. The MAGEA genes are clustered at chromosomal location Xq28.

**Form:**Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1mM PMSF

**Molecular Weight:**15.6 kDa (148aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSHMSLEQKSQHCKPEEGLDTQEEALGLVGVQAATTEEQEAVSSSSPLVPGTL  
GEVPAAGSPGPLKSPQGASAIPTAIDFTLWRQSIKSSNQEEGPSTSPDPESVFRAALSKKVADLIHFLLLKY

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.